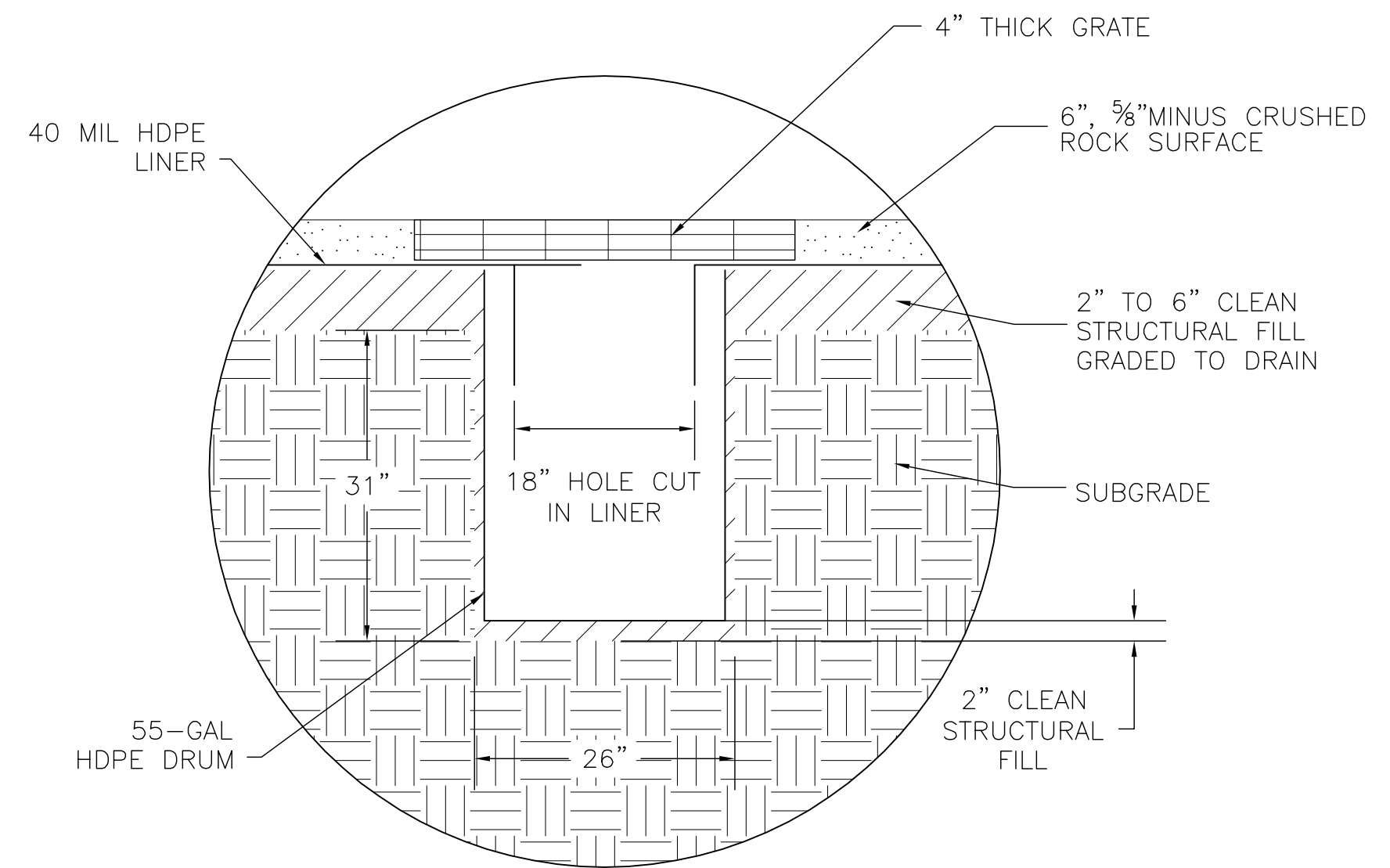
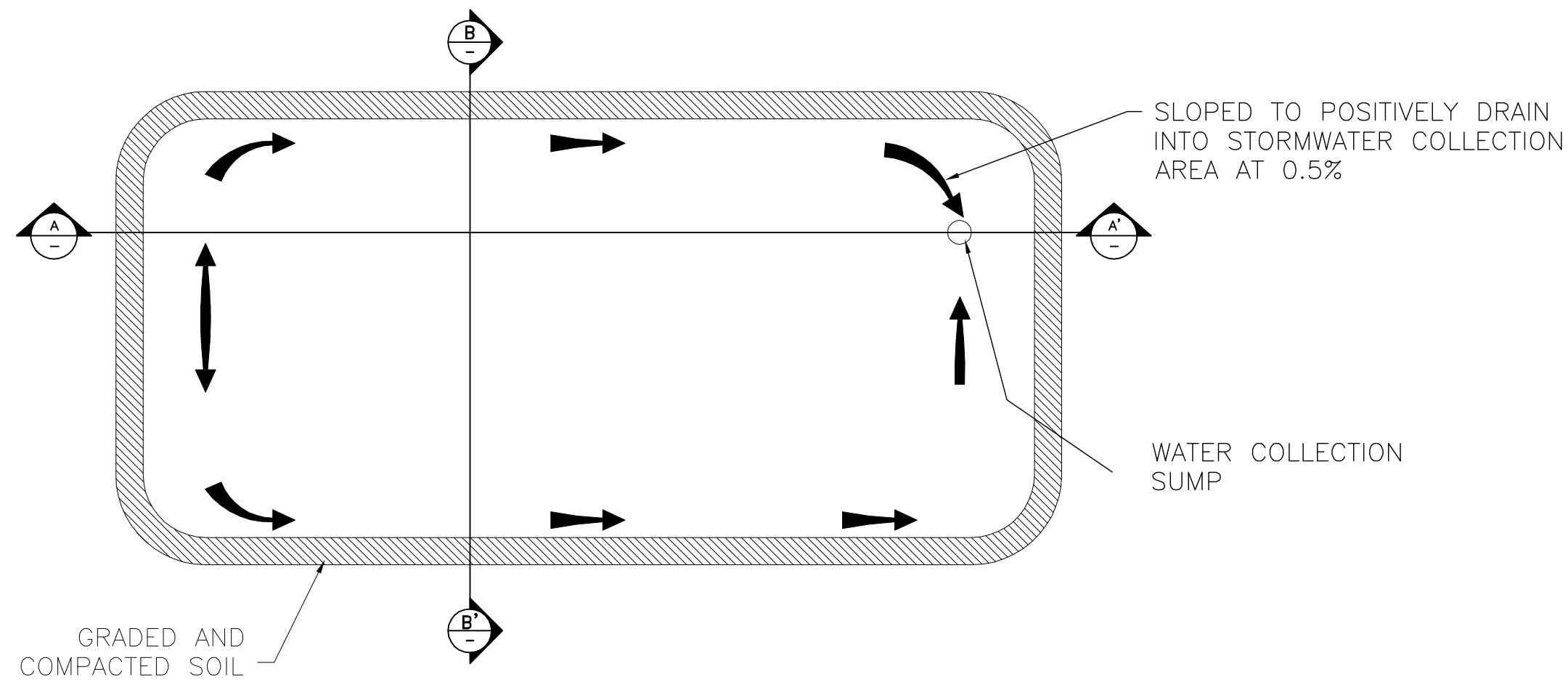
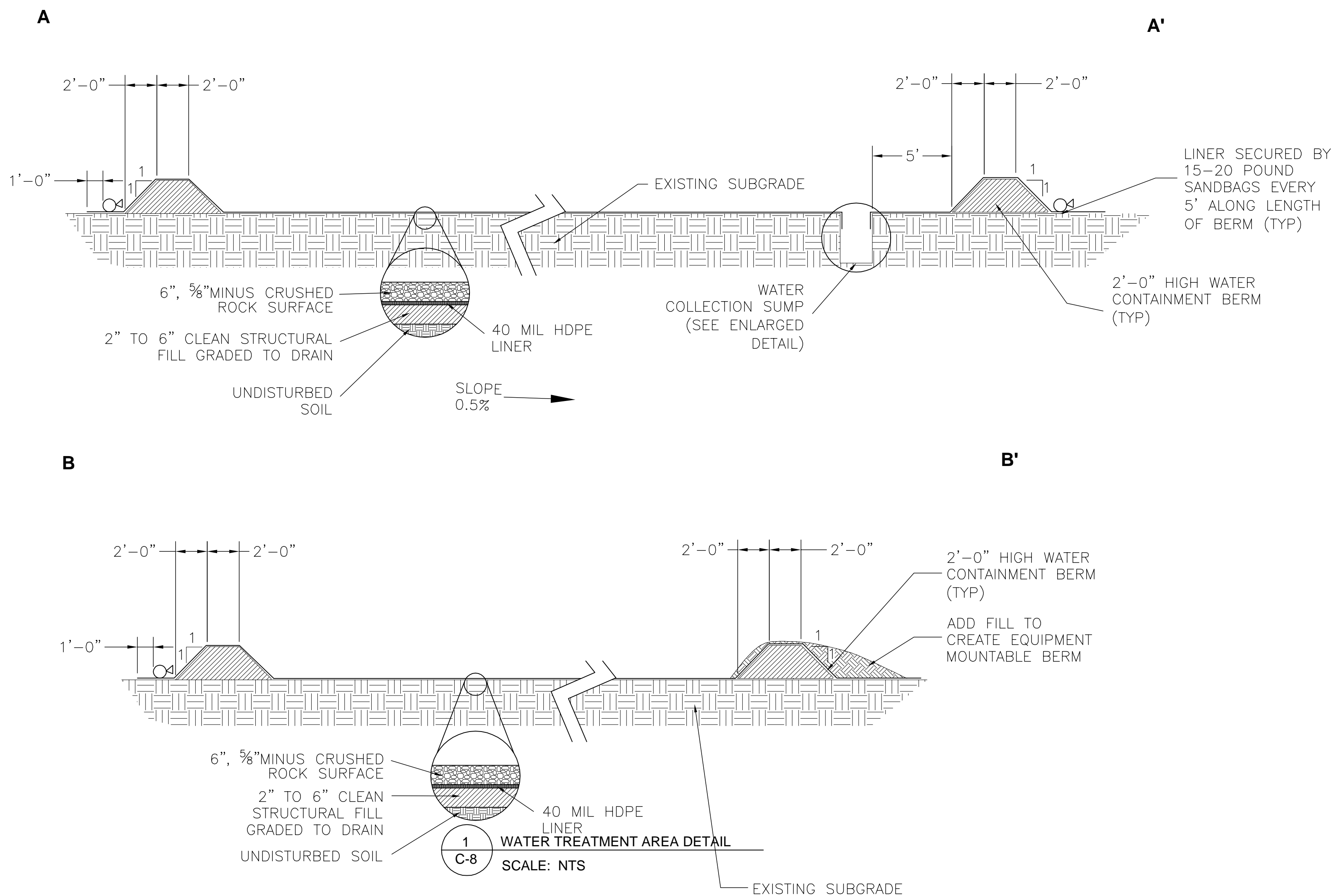


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ENLARGED SUMP DETAIL



NOTES:

1. EXISTING SUBGRADE SHALL BE FREE OF ANGULAR PROTRUSIONS. A TWO TO SIX-INCH LAYER OF CLEAN STRUCTURAL BACKFILL SHALL BE PLACED, GRADED TO DRAIN AND COMPACTED TO A FIRM UNYIELDING SURFACE PRIOR TO PLACEMENT OF LINER.
2. WATER TREATMENT PLANT AREA IS TO BE GRADED TO POSITIVELY DRAIN TOWARDS THE WATER COLLECTION SUMP.
3. CONTAINMENT BERMS SHALL BE CONSTRUCTED OF IMPORTED CLEAN SOIL. NO ON SITE BORROW WILL BE AVAILABLE. PLACE CONTAINMENT BERM SOILS IN MAXIMUM OF 12" LIFTS. CONTAINMENT BERMS ARE TO BE MOISTURE CONDITIONED AND COMPACTED TO A FIRM, UNYIELDING CONDITION, AS DIRECTED BY THE SITE ENGINEER.
4. DAILY INSPECTION AND MAINTENANCE OF THE CONTAINMENT BERMS IS REQUIRED FOR THE DURATION OF THE PROJECT.
5. SOLIDS ACCUMULATED IN THE SUMP SHALL BE EXCAVATED PERIODICALLY AND PLACED ON THE WASTE MATERIAL STOCKPILE.
6. ANY DAMAGE TO WATER TREATMENT AREA MUST BE REPORTED TO THE SITE ENGINEER IMMEDIATELY.
7. LINER SHALL BE 40 MIL HDPE ONE SOLID SHEET OR SEAMS SHALL BE WELDED PER SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS. NO OVERLAP IS ALLOWED.
8. SUMP SHALL BE A 55-GALLON HDPE DRUM. A HOLE SHALL BE CUT IN THE LINER CENTERED OVER THE DRUM TO ALLOW WATER TO DRAIN INTO THE DRUM.
9. GRATE OVER SUMP SHALL BE OF SUFFICIENT STRENGTH TO WITHSTAND VEHICLE TRAFFIC AND EXTEND AT LEAST 6 INCHES PAST THE SUMP EXCAVATION ON ALL SIDES. SLOPES SHALL BE GRADED TO THE SUMP.
10. SIZE OF THE WATER TREATMENT AREA SHALL BE DETERMINED BY THE CONTRACTOR AND SHALL INCLUDE FRAC AND WEIR TANKS.

DRAFT BID SET



B	RCW	2/--/06	ISSUED FOR PRELIMINARY BID				
A	RCW	1/17/06	60% DRAWINGS - NOT FOR CONSTRUCTION				
NO	DRWN	DATE	REVISION	CHKD	DATE	APPVD	DATE

THE BNSF RAILWAY COMPANY
SKYKOMISH, WASHINGTON
BNO50-19390-200

SKYKOMISH LEVEE REMEDIATION
SEDIMENT AND EROSION CONTROL DETAILS
SHEET 2 OF 3

CURRENT DATE 2/--/06

DRAWING NO. C-12

REVISION B